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CaO-P₂O₅

CaO-P₂O₅CaO-P₂O₅ $\Delta H_{298}^0, \Delta S_{298}^0$

$$C_p = f(T).$$

In paper the micronon-uniform structure zinc-titanium borosilicate glass and processes of phase separation in them according to diffusing under vanishing angles of neutrons is investigated. It is drawn a leading-out on distribution of depositing corpuscles character on sizes which changes in studied glasses depending on the contents in them TiO₂ and ZnO. Effect of presence micronon-uniforms after melting on character of their phase separation is established.

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· CaO-P₂O₅ ,
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 [1].

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 Ca : P . Ca : P
 Ca : P (1,67)
 [2].

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 ($\Delta H_{298}^0 -$, $\Delta S_{298}^0 -$, $C_p = f(T) -$
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 [3].
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 CaO-P₂O₅.

· [4] CaO-P₂O₅ -
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 (· ·) [5]. «

» ΔH_{298}^0 ΔS_{298}^0 -
 [6] CaO/P₂O₅
 1 4 (· 1 · 2).

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$CaO \cdot P_2O_5$, $2CaO \cdot P_2O_5$, $3CaO \cdot P_2O_5$, $4CaO \cdot P_2O_5$.

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					ΔS_{298}^0 , /	ΔH_{298}^0 /
	°C			°C		
$CaO \cdot P_2O_5$	980	1253	1236	963	43,94	77,65
$2CaO \cdot P_2O_5$	1300	1573	1403	1130	54,98	123,6
$3CaO \cdot P_2O_5$	1730	2003	1473	1200	64,51	157,2
$4CaO \cdot P_2O_5$	1630	1903	—	—	74,92	194,1
CaO	2580	2853	—	—	151,9	9,5
P_2O_5	585	858	—	—	392	—

2

	p —				
	a	,	$b \cdot 10^3$	$b' \cdot 10^3$	$-c \cdot 10^{-5}$
$CaO \cdot P_2O_5$	38,94	-73,2	17,4	101,2	—
$2CaO \cdot P_2O_5$	48,28	304,5	19,25	- 151,4	—
$3CaO \cdot P_2O_5$	56,9	133,7	22,13	- 27	—
$4CaO \cdot P_2O_5$	79,9		6,5		11,6
CaO	11,67		1,08		1,56
P_2O_5	—		—		—

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 $T > 500$ -
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 $4CaO \cdot P_2O_5$ II ,
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 [3].

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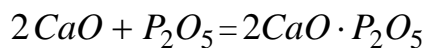
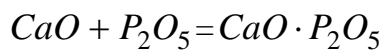
$$G^{\circ} = H^{\circ} - S^{\circ} ,$$

$$G^{\circ} - S^{\circ} -$$

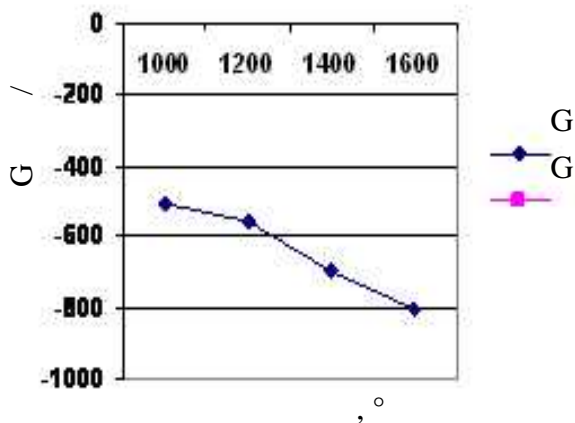
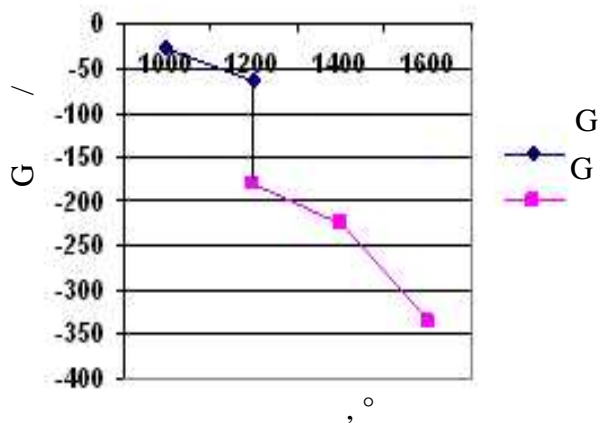
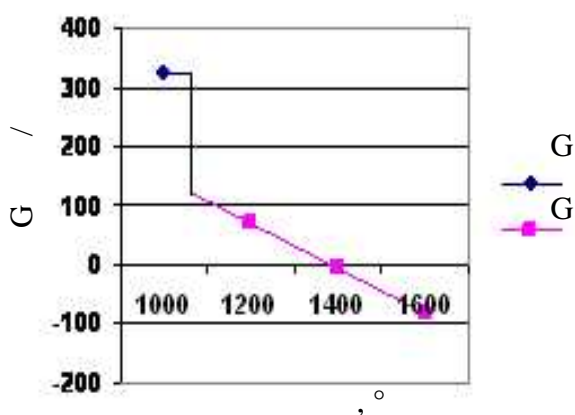
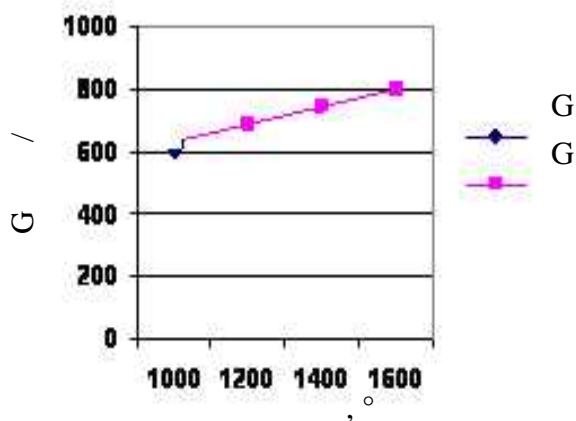
$$; H^{\circ} -$$

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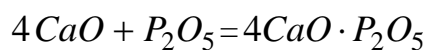
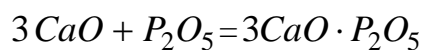
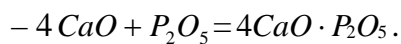
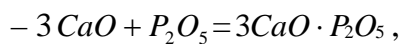
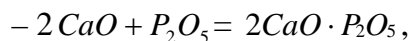
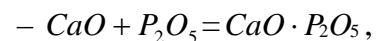
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$$G - G -$$



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CaO/P_2O_5 2 4,

CaO-P₂O₅

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The results of researches of synthetic motor oils of foreign manufacture by the standard techniques used in criminalistic research, and also by means of a dielectric method are resulted. Application of such parameter as relative dielectric permeability allows to establish the nature of researched oils at a preliminary investigation phase.